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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/289,321	04/09/1999	WILLIAM W. BACHOVCHIN	19644-010	8452

7590 12/17/2002

C. Hunter Baker, M.D., Ph.D.  
Choate, Hall & Stewart  
53 State Street  
Exchange Place  
Boston,, MA 02109

EXAMINER

LUKTON, DAVID

ART UNIT

PAPER NUMBER

1653

DATE MAILED: 12/17/2002

24

Please find below and/or attached an Office communication concerning this application or proceeding.

**UNITED STATES DEPARTMENT OF COMMERCE  
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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
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09/289321

EXAMINER
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ART UNIT	PAPER NUMBER
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24

DATE MAILED:

Please find below a communication from the EXAMINER in charge of this application.

Commissioner of Patents

Please see the attached communication regarding applicants CRF sequence submission.

Pursuant to the directives of paper No. 21 (filed 10/7/02), claims 1 and 73 have been amended. Claims 1 and 73 remain pending.

Applicants' arguments filed 10/7/02 are acknowledged. A response thereto will be forthcoming after applicants have complied with the sequence rule requirements.

\*

The communication filed 10/7/02 is not fully responsive to the Office communication mailed 5/3/02 for the reason(s) set forth on the attached Notice To Comply With The Sequence Rules or CRF Diskette Problem Report. Applicant must comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825) before the application can be examined under 35 U.S.C. §131 and 132.

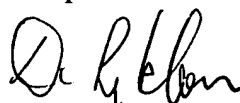
Since the above-mentioned reply appears to be bona fide attempt to comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825), applicant is given a TIME PERIOD of ONE (1) MONTH from the mailing date of this communication within which to correct the deficiency so as to comply with the sequence rules (37 CFR 1.821 - 1.825) in order to avoid abandonment of the application under 37 CFR 1.821(g). EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

\*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Lukton whose telephone number is 703-308-3213. The examiner can normally be reached Monday-Friday from 9:30 to 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Low, can be reached at (703) 308-2923. The fax number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0196.



DAVID LUKTON  
PATENT EXAMINER  
GROUP 1800

RECEIVED

OCT 25 2002



TECH CENTER 1600/2900

1600

## RAW SEQUENCE LISTING

DATE: 10/16/2002

PATENT APPLICATION: US/09/289,321A

TIME: 15:07:23

Input Set : A:\Point-51.app

Output Set: N:\CRF4\10162002\I289321A.raw

3 <110> APPLICANT: Bachovchin W, William  
 5 <120> TITLE OF INVENTION: Multivalent Compounds for Crosslinking Receptors and  
 6 Uses Thereof  
 8 <130> FILE REFERENCE: 2002941-0053  
 10 <140> CURRENT APPLICATION NUMBER: 09/289,321A  
 11 <141> CURRENT FILING DATE: 1999-04-09  
 13 <160> NUMBER OF SEQ ID NOS: 9  
 15 <170> SOFTWARE: PatentIn Ver. 2.1  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 6  
 19 <212> TYPE: PRT  
 20 <213> ORGANISM: Artificial Sequence  
 22 <220> FEATURE:  
 23 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic  
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 26 Ala Ala Ala Ala Ala Ala  
 27 1 5  
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 31 <211> LENGTH: 13  
 32 <212> TYPE: PRT  
 33 <213> ORGANISM: Artificial Sequence  
 35 <220> FEATURE:  
 36 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic  
 38 <400> SEQUENCE: 2  
 39 His Ser Leu Gly Lys Trp Leu Gly His Pro Asp Lys Phe  
 40 1 5 10  
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 44 <211> LENGTH: 19  
 45 <212> TYPE: PRT  
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 48 <220> FEATURE:  
 49 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic  
 51 <400> SEQUENCE: 3  
 52 His Ser Leu Gly Lys Trp Leu Gly His Pro Asp Lys Phe Ala Ala Ala  
 53 1 5 10 15  
 55 Ala Ala Ala  
 59 <210> SEQ ID NO: 4  
 60 <211> LENGTH: 18  
 61 <212> TYPE: PRT  
 62 <213> ORGANISM: Artificial Sequence  
 64 <220> FEATURE:  
 65 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic  
 67 <400> SEQUENCE: 4

Does Not Comply  
Corrected Diskette Needed

p.2

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/289,321A

DATE: 10/16/2002

TIME: 15:07:23

Input Set : A:\Point-51.app

Output Set: N:\CRF4\10162002\I289321A.raw

68 Ala Ala Ala Ala Ala Phe Lys Asp Pro His Gly Leu Trp Lys Gly Leu

69 1 5 10 15

71 Ser His

75 &lt;210&gt; SEQ ID NO: 5

76 &lt;211&gt; LENGTH: 18

77 &lt;212&gt; TYPE: PRT

78 &lt;213&gt; ORGANISM: Artificial Sequence

80 &lt;220&gt; FEATURE:

81 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

83 &lt;400&gt; SEQUENCE: 5

84 His Ser Leu Gly Lys Trp Leu Gly His Pro Asp Lys Phe Ala Ala Ala

85 1 5 10 15

87 Ala Ala

91 &lt;210&gt; SEQ ID NO: 6

92 &lt;211&gt; LENGTH: 5

93 &lt;212&gt; TYPE: PRT

94 &lt;213&gt; ORGANISM: Artificial Sequence

96 &lt;220&gt; FEATURE:

97 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

99 &lt;400&gt; SEQUENCE: 6

W--&gt; 100 Ser Thr Pro Pro Xaa

101 1

104 &lt;210&gt; SEQ ID NO: 7

105 &lt;211&gt; LENGTH: 4

106 &lt;212&gt; TYPE: PRT

107 &lt;213&gt; ORGANISM: Artificial Sequence

109 &lt;220&gt; FEATURE:

110 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

112 &lt;400&gt; SEQUENCE: 7

113 Ser Thr Pro Pro

114 1

117 &lt;210&gt; SEQ ID NO: 8

118 &lt;211&gt; LENGTH: 4

119 &lt;212&gt; TYPE: PRT

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122 &lt;220&gt; FEATURE:

123 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

125 &lt;400&gt; SEQUENCE: 8

W--&gt; 126 Pro Thr Pro Xaa

127 1

130 &lt;210&gt; SEQ ID NO: 9

131 &lt;211&gt; LENGTH: 4

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136 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

138 &lt;400&gt; SEQUENCE: 9

139 Pro Thr Pro Arg

140 1

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/289,321A

DATE: 10/16/2002  
TIME: 15:07:24

Input Set : A:\Point-51.app  
Output Set: N:\CRF4\10162002\I289321A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; Xaa Pos. 5

Seq#:8; Xaa Pos. 4